

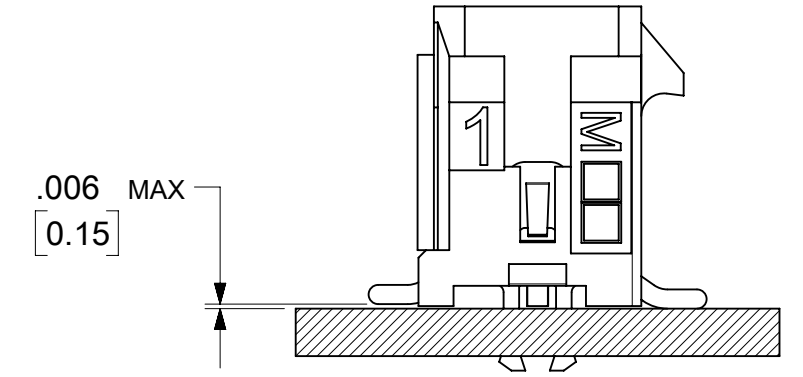
PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/1.57

| CKTS | A | B | C |
|------|----------------|----------------|----------------|
| 02 | .262 6.65 | NA | .169 4.30 |
| 04 | .380 9.65 | .118 3.00 | .287 7.30 |
| 06 | .498 12.65 | .236 6.00 | .405 10.30 |
| 08 | .616 15.65 | .354 9.00 | .524 13.30 |
| 10 | .734 18.65 | .472 12.00 | .642 16.30 |
| 12 | .852 21.65 | .591 15.00 | .760 19.30 |
| 14 | .970 24.65 | .709 18.00 | .878 22.30 |
| 16 | 1.088 27.65 | .827 21.00 | .996 25.30 |
| 18 | 1.206 30.65 | .945 24.00 | 1.114 28.30 |
| 20 | 1.325 33.65 | 1.063 27.00 | 1.232 31.30 |
| 22 | 1.443 36.65 | 1.181 30.00 | 1.350 34.30 |
| 24 | 1.561 39.65 | 1.299 33.00 | 1.469 37.30 |

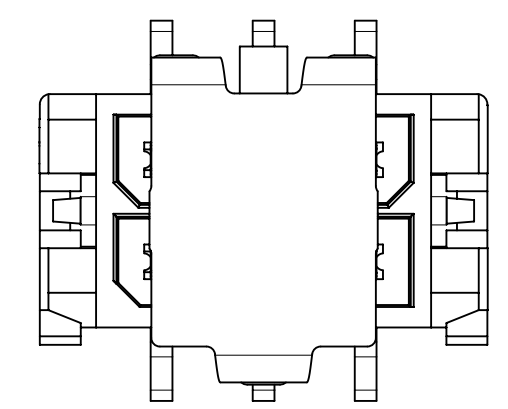
- NOTES:**
- HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER, UL94V-0, COLOR-BLACK
TERMINAL MATERIAL: BRASS ALLOY
 - FINISH: A = .000060/(0.00152) MIN. REFLOW MATTE TIN OVER .000050/(0.00127) MIN. NICKEL PLATE.
(FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW)
B = .000015/(0.00038) MIN. SELECT GOLD IN CONTACT AREA; .000100/(0.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS; BOTH OVER .000050/(0.00127) MIN. NICKEL PLATE.
C = .000030/(0.00076) MIN. SELECT GOLD IN CONTACT AREA; .000100/(0.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS; BOTH OVER .000050/(0.00127) MIN. NICKEL PLATE.
D = .000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL PLATE
 - PRODUCT SPECIFICATION: PS-43045
 - TAPE AND REEL PACK : SEE MOLEX DRAWING 430450002-PK
 - MATES WITH MICRO FIT (3.0) RECEPTACLE SERIES 43025
 - TO MINIMIZE INSERTION FORCE OF MOUNTING CLIPS DURING ROBOTIC PLACEMENT THE HOLE DIAMETER SHOULD BE INCREASED TO .108±.002 / 2.74±0.05 AND THEN EVALUATED PER PLACEMENT EQUIPMENT.
 - THE COPLANARITY DIMENSION IS ESTABLISHED BY PLACING THE ASSEMBLY ON A FLAT SURFACE. THE DISTANCE FROM THAT SURFACE TO THE BOTTOM OF ANY TERMINAL MUST NOT EXCEED .004/0.10
 - CIRCUIT SIZES 2-6: "D" IS 0.265/6.74 FOR .010/0.25 STEP.
CIRCUIT SIZES 8-24: "D" IS .063/1.60 FOR .010/0.25 STEP.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - TEXT ON THE PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.
 - HOLES FOR CLIPS SHOULD BE PTH AND CLIPS SHOULD BE SOLDERED FOR BEST RETENTION TO PCB.

CIRCUIT "1" IDENTIFIED ON THIS SURFACE.
(APPROX. LOCATION SHOWN FOR REF.)

| | FINISH A | FINISH B | FINISH C | FINISH D |
|----------|--------------|--------------|--------------|--------------|
| CIRCUITS | MATERIAL NO: | MATERIAL NO: | MATERIAL NO: | MATERIAL NO: |
| 02 | 43045-0215 | 43045-0216 | 43045-0217 | 43045-0320 |
| 04 | 43045-0415 | 43045-0416 | 43045-0417 | 43045-0520 |
| 06 | 43045-0615 | 43045-0616 | 43045-0617 | 43045-0720 |
| 08 | 43045-0815 | 43045-0816 | 43045-0817 | 43045-0920 |
| 10 | 43045-1015 | 43045-1016 | 43045-1017 | 43045-1120 |
| 12 | 43045-1215 | 43045-1216 | 43045-1217 | 43045-1320 |
| 14 | 43045-1415 | 43045-1416 | 43045-1417 | 43045-1520 |
| 16 | 43045-1615 | 43045-1616 | 43045-1617 | 43045-1720 |
| 18 | 43045-1815 | 43045-1816 | 43045-1817 | 43045-1920 |
| 20 | 43045-2015 | 43045-2016 | 43045-2017 | 43045-2120 |
| 22 | 43045-2215 | 43045-2216 | 43045-2217 | 43045-2320 |
| 24 | 43045-2415 | 43045-2416 | 43045-2417 | 43045-2520 |



COPLANARITY DETAIL
SEE NOTE #7



SHOWN WITH DISPOSABLE CAP
(FOR REMOVAL FROM TAPE & REEL PACKAGING)
SEE NOTE #4

| | | | | |
|--|---|------------------------|--|-------------------|
| FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: REDRAWN, ADD NOTE 10 | |
| | DIMENSION UNITS | SCALE | EC NO: 736143 | |
| | INCH/MM | NTS | DRWN: SETHH6 | 2022/12/14 |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) | | CHK'D: MKIPPER | 2023/01/24 |
| DIVISIONAL SYMBOLS | 4 PLACES | ± | ± | APPR: FSMITH |
| | 3 PLACES | ± | ± 0.01 | 2023/01/26 |
| | 2 PLACES | ± 0.25 | ± 0.014 | INITIAL REVISION: |
| | 1 PLACE | ± 0.36 | ± | DRWN: SAMIEC |
| 0 PLACES | ± | ± | 2000/03/15 | 2016/08/03 |
| ANGULAR TOL ± 0.5 ° | | THIRD ANGLE PROJECTION | | DRAWING SERIES |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | C-SIZE | | 43045 |

| | | | |
|-----------------|----------------|--------------|----------|
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| SD-43045-006 | PSD | 001 | G6 |
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | |
| SEE CHART | GENERAL MARKET | 1 OF 1 | |